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Solar Light with Bluetooth
Bluetooth Speaker

X3B-A01

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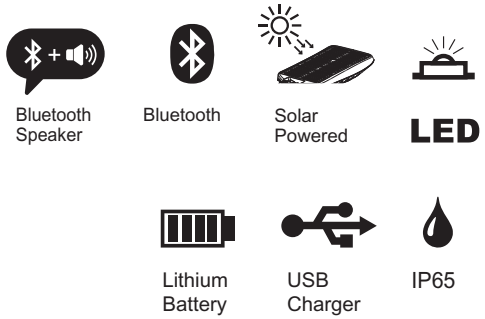
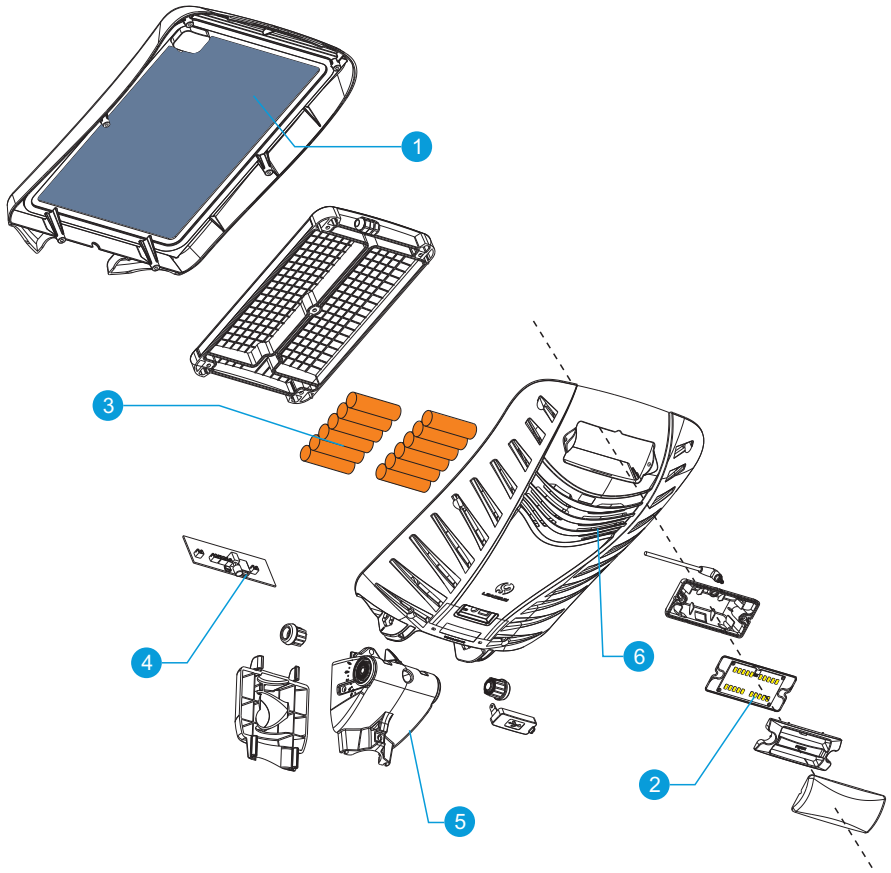
With elegant and smooth design, the Smart Solar Lamp provides brightness over 400lm. You can easily control the brightness, work mode and operation of the lamp via APP on your smart phone.

The special designed telescoping lamp pole unit is not only easy to install, but also bring you so much convenience and fun.

The Bluetooth speaker even surprises your experience with enhanced dual stereo.

We invite you to enter into a new everyday life of efficiency, convenience and delight.





MAIN PARTS

1 Solar Panel

Mono Crystalline Silicon solar panel, highly efficient and tolerant to heat providing more output.

2 LED Lamp

Super bright LED, more than 400 lumens.

3 Lithium Battery

12 hours for full bright after battery full charged.

4 Charging Controller

The unit can be charged by solar panel or Micro USB charged.

With a USB charger which will allow you to recharge your mobile phone, tablet or other portable device via the USB port .

5 Multi-functional Bracket

Multi-functional bracket suitable for various installation styles.

6 Bluetooth Speaker

High quality stereo bluetooth speaker

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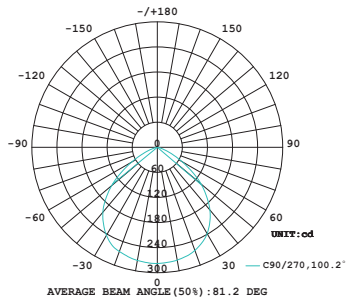
Feature

LED & Light Management

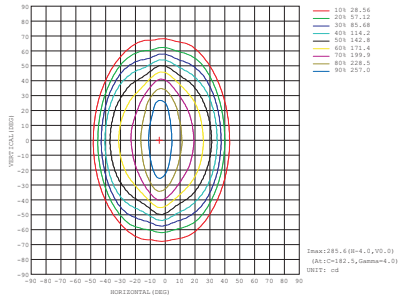
capitalises on the most technically advanced LED lighting technologies that work seamlessly and systematically with our latest LED driver and power management system.

The ‘Round’ type LED is perfect for open space areas.

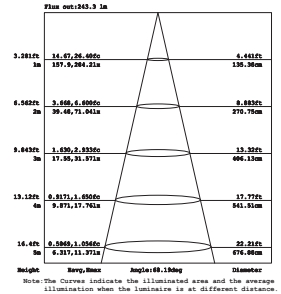
LIGHT DISTRIBUTION CURVE



ISOCANDELA DIAGRAM



AAI Figure



Batteries & Charging Unit

we uses new-generation, high quality batteries manufactured to exacting standards for high power applications and longevity.

Key benefits include enhanced safety, strong thermal stability, tolerance to abuse and a high current rating. Lithium batteries are much lighter and more compact than lead acid batteries; They also take higher voltage under load and offer extensive cycle life. Lithium batteries are also fully recyclable, making them the smart choice for our precious environment.

Our’s batteries are charged for maximum effciency by using our integrated charging circuit that constantly monitors the state of the batteries; this optimizes the charging levels while protecting them against thermal overload, overcharge, over-discharge and accidental short circuit. The batteries can operate in Temperatures from -20 to +60 degrees ‘C’.

Bluetooth Speaker

Supports Wireless Music via Bluetooth wireless Technology. Easily Connects to your Smart phone or other Bluetooth wireless technology enabled Audio Device.

Feature

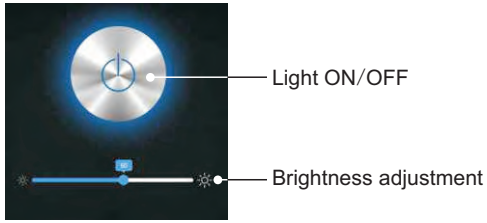
Lights Control Modes

Automatic ON and OFF

Light turns ON at dusk and OFF at dawn automatically.

By APP:

You can control the light ON/OFF or adjust the lighting brightness via APP.



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Feature

APP system:

Our unit APP is compatible with Android 4.0 and above; IPhone 4s, IPad 2, IPad mini and above.

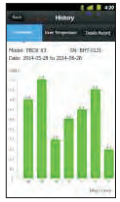
You can do the below through APP:

Light Switch Control

Control light switch ON/OFF, and light brightness.

Light's Working Mode Set Up

Working mode can be set up according to individual different demand of every date or a certain date period.



Historical Data Inquiry

Data of battery electricity of every day, controller temperature and operating current can be recorded for tracking.

Real-time Detection

Detect accurately if each part is in regular working condition, what is the current battery consumption, the remaining working time and temperature.

Music Player/ Microphone

Playing music via APP system at anytime and share music with your family or friends.

For further details, please kindly check 'User Manual' under 'other functions' in the APP.

Feature

Charged from

By Solar Panel

Actual Charged time might be different according to difference of area, season, environment and direction.

By 5V 1A Micro USB Charger

It take about 10hours for the battery full charged by Mico USB.

Discharged for

Lighting

After the battery is full charged, the unit can power the LED light work more than 12hours under full brightness mode.

Music Playing (PX3BL only)

After the battery is full charged, the unit can power the speaker for more than 4hours music playing.

Charging for Portable Devices

With a USB charger which will allow you to recharge your mobile phone, tablet or other portable devices via the USB port.

Physical Dimensions

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Technical Data

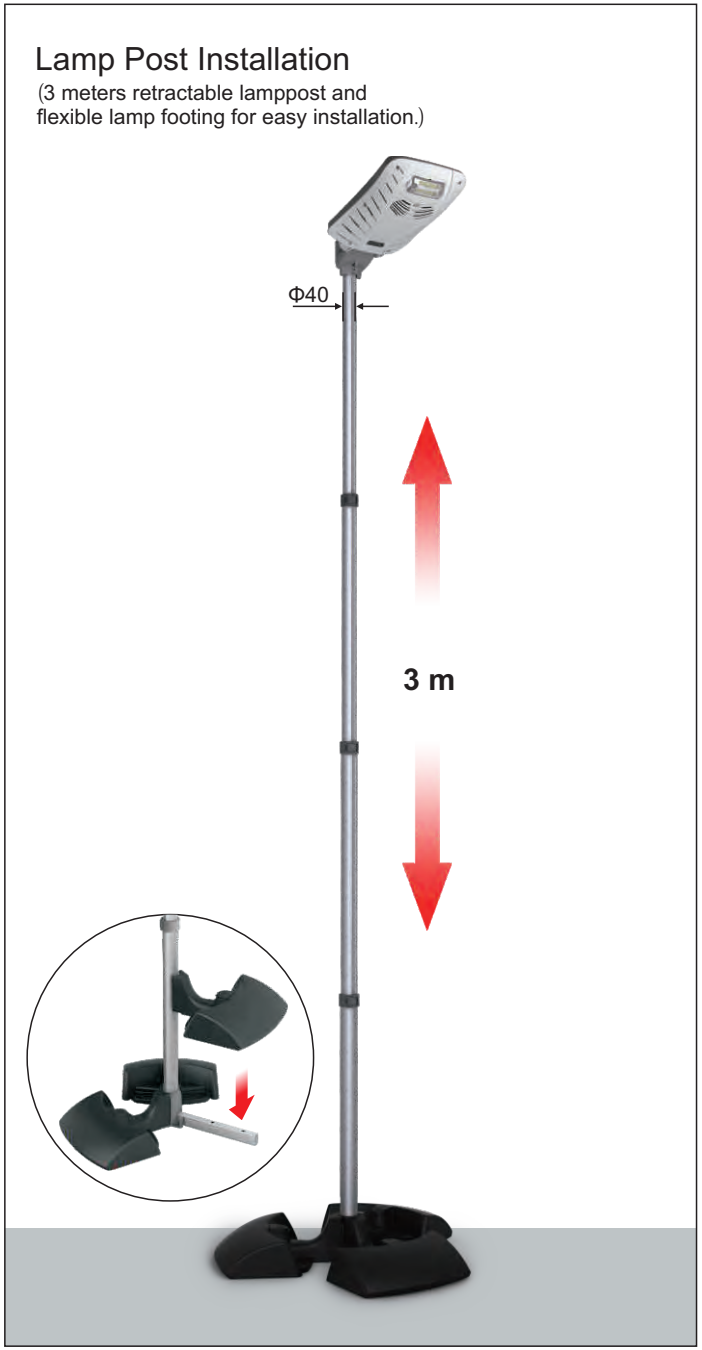
Model No.		A	B
Physical Specification			
Solar Panel		12W/9V	12W/9V
IP Rate		IP65	IP65
Lithium Battery		50Wh	50Wh
Power of Speaker		N/A	12W
Charging Output		5V 2A max	5V 2A max
Heating Function		Optional	Optional
Net Weight		6.6lb (3.0 kg)	7.9lb (3.6 kg)
Body Size		476×276×86 mm	476×276×86 mm
3m Lamppost		Optional	Optional
Charging / Discharging Time			
Discharging Time		Full bright: ≥12hours	12+hoursforLEDor 4+hoursforspeaker
Charging Time	Charged by Solar panel(1)	6hrs	6hrs
	Charged by Micro USB(2)	10hrs	10hrs
Light Output			
Luminous Flux		>400Lm	>400Lm
LED		Samsung	Samsung
Visual Angle		120°	120°
Color Temperature		4000K	4000K
Environment Rating			
Working Temp. Charge Temp.		32°F to 140°F (0°C~+60°C)	
Discharge Temp.		-4°F to 140°F (-20°C~+60°C)	
Battery Storage Temp.		-4°F to 113°F (-20°C~+45°C)	
Package			
Main Body G.W.		7.7lb (3.5 kg)	9.5lb (4.3 kg)
G.W.		20.2lb (9.2 kg)	22.lb (10 kg)
Box Size Size		480×320×140 mm	480×320×140 mm
Suite		920×385×215 mm	920×385×215 mm
Instructions			
Recommended Installation Height Range		3-4M	3-4M
Recommended Installation Distance of Poles Range		8-10M	8-10M

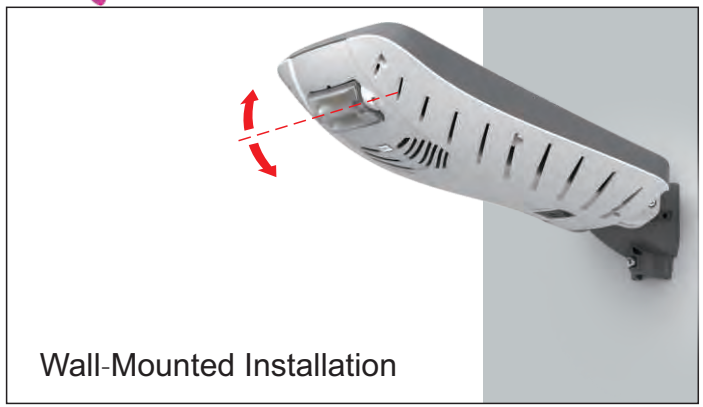
(1). Working time data as above are based on 8 hours of charging in good sunny days in summer, measured at the latitude 22° , east longitude 113°. Actual working time might be different according to difference of area, season, environment and direction.

(2). USB charger output: 5V 1A

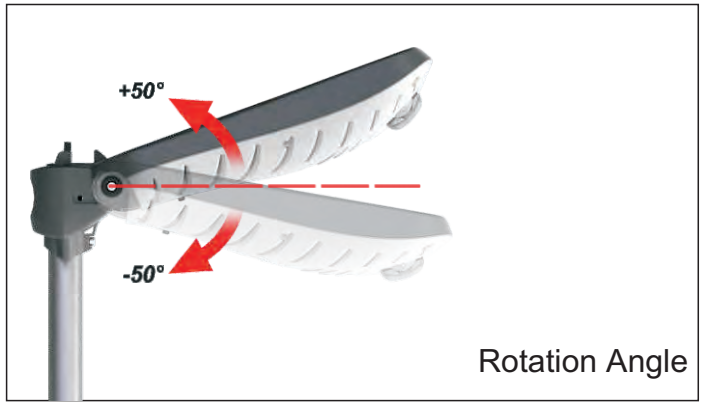
Lamp Post Installation

(3 meters retractable lamppost and
flexible lamp footing for easy installation.)





Wall-Mounted Installation



Rotation Angle

Standing Style

Retractable Lamppost

The unit is designed with 3 meters retractable lamppost and flexible lamp footing for easy installation. Full installation of the entire system can be completed in one hour by using a concrete-less footing system as well as a flexible pole system.

BENEFITS:

- Flexible, portable, easy installation.
- No heavy machinery and engineering required.
- Multi-functional bracket suitable for various installation styles.

LED module angle adjustment

Turn the LED module to suitable position with your finger.

Application

Courtyard Lighting
Emergency Lighting
Campsite Lighting
Security & Entrance Lighting
Temporary & Event Lighting
Rural & Remote Area Lighting

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To promote an environmentally sympathetic and socially conscious world through superior technology and innovation.

We strive for harmony between technology and the environment to help people lead healthier and more productive lives.

Bright ideas for an even brighter future!

CE RoHS COMPLIANT

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